## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 23 December 2004 (23.12.2004)

#### PCT

### (10) International Publication Number WO 2004/110300 A2

(51) International Patent Classification7:

A61F

(21) International Application Number:

PCT/IL2004/000527

(22) International Filing Date: 17 June 2004 (17.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/478,841 17 June 2003 (17.06.2003) US 60/529,612 16 December 2003 (16.12.2003) US 60/534,377 6 January 2004 (06.01.2004) US 60/554,558 18 March 2004 (18.03.2004) US 160987 21 March 2004 (21.03.2004)

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US USSN 09/890,172 and (CIP) Filed on 25 July 2001 (25.07.2001)

(71) Applicants (for all designated States except US): DISC ORTHOPAEDIC TECHNOLOGIES INC. [US/US]; 7 CENTRE DR., SUITE 1, MONROE TOWNSHIP, NJ 08831 (US). DISC-O-TECH MEDICAL TECHNOLO-GIES, LTD. [IL/IL]; 3 HASADNAOT STREET, 46728 HERZELIYA (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BEYAR. Mordechay [IL/IL]; 7 HAESHKOLIT STREET, 30600 CAESAREA (IL). SHAVIT, Ronen [IL/IL]; 5 WEINSHAL STREET, 69413 TEL-AVIV (IL).

VACHTENBERG, Oz [IL/IL]; 12 GOLEY KENYA STREET, 69717 TEL-AVIV (IL). GLOBERMAN, Oren [IL/IL]; 30 DERECH HAGANIM STREET, 46910 KFAR-SHMARYAHU (IL). SHASHA, Uri [IL/IL]; 10 YITZHAK RABIN ROAD, 52301 RAMAT-GAN (IL).

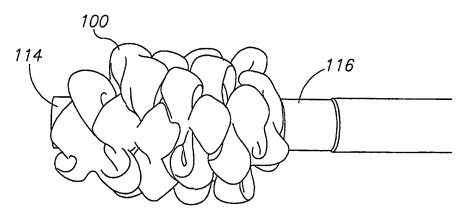
- (74) Agents: FENSTER, Paul et al.; FENSTER & COM-PANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEFORMABLE TOOLS AND IMPLANTS



(57) Abstract: A medical grade deformer, comprising: an axial member; and a pliable tube mounted on said axial member and adapted to be deformed from a first, narrower diameter, configuration to a second, greater diameter, configuration.

